CLAIMS

1. A leveling method of a spectroscope response characteristic comprising:

a step of obtaining the difference spectrum between a parent unit and a child unit by subtracting the spectrum of a standard substance measured by the parent unit serving as a reference spectroscope from the spectrum of the standard substance measured by the child unit serving as another spectroscope similar to the parent unit; and

a step of making the response characteristic of the child unit coincide with the response characteristic of the parent unit by subtracting the difference spectrum from the spectrum of each sample to be measured by the child unit.

2. The leveling method of a spectroscope response characteristic according to claim 1, characterized in that

the spectroscope is set to a fruit sugar-content selector.

3. The leveling method of a spectroscope response characteristic according to claim 1, characterized in that

the spectrum of the standard substance is spectrum of a sample to be measured, secondary-differential spectrum, or average spectrum of the spectrum of the sample to be measured and the secondary-differential spectrum.

4. The leveling method of a spectroscope response characteristic according to claim 1, characterized in that

the spectrum of the standard substance is the spectrum of a substance similar to a sample to be measured in optical density or average spectrum.